

## ABSTRACT OF THE DISCLOSURE

A homeotropic alignment liquid crystal film used for an optical film of a visual display etc. is manufactured by a method in which a side chain type 5 liquid crystal polymer comprising a monomer unit (a) containing a liquid crystalline fragment side chain and a monomer unit (b) containing a non-liquid crystalline fragment side chain is coated on a substrate on which a vertical alignment film is not prepared, and the liquid 10 crystal polymer is fixed while maintaining an alignment state after the liquid crystal polymer is homeotropically aligned in liquid crystal state.

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